

2/66 Fig.2

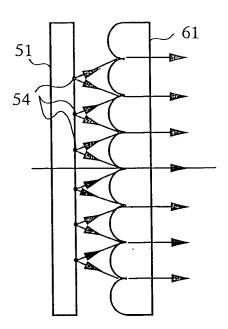
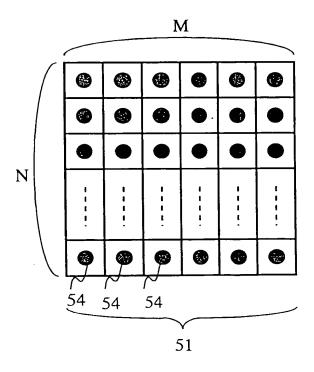
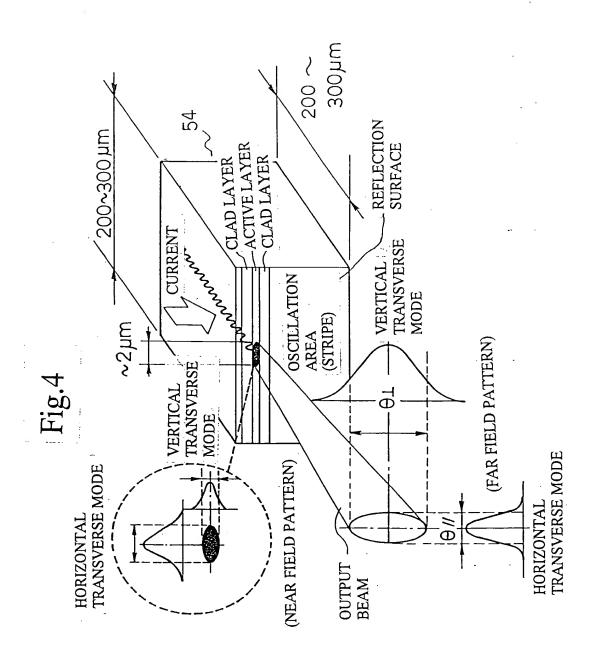


Fig.3





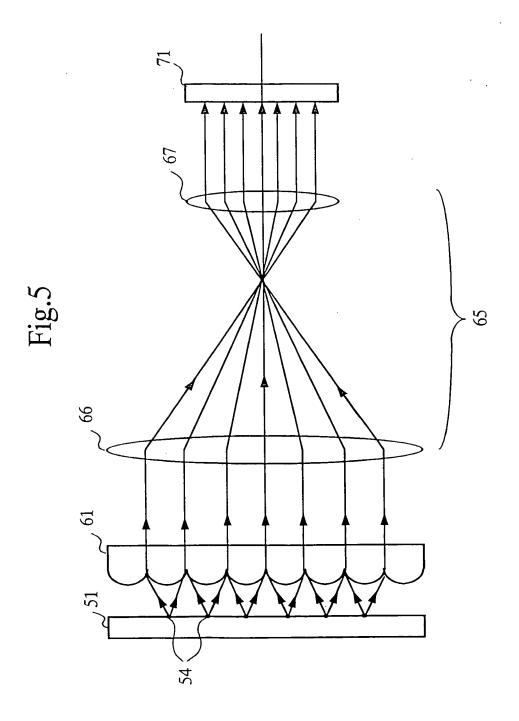


Fig.6

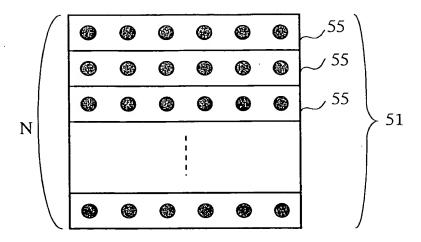
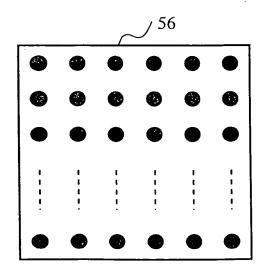
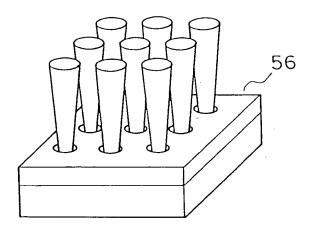


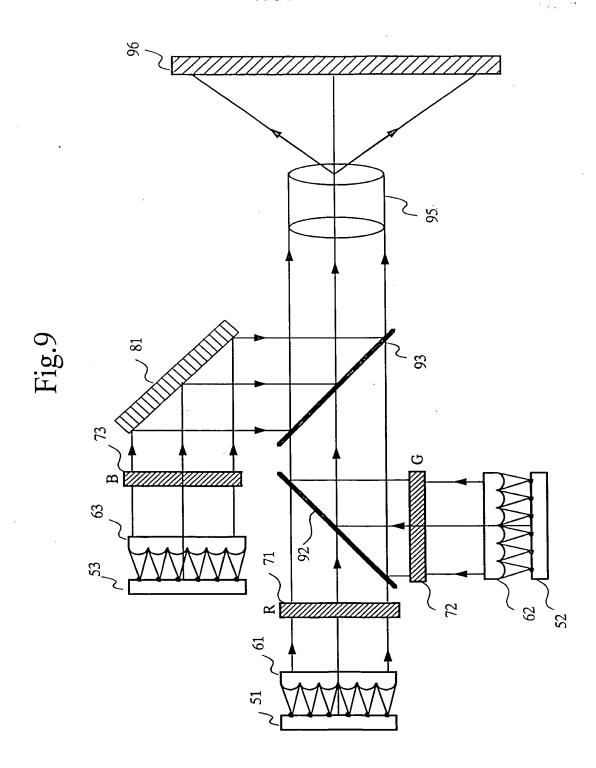
Fig.7



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Fig.8





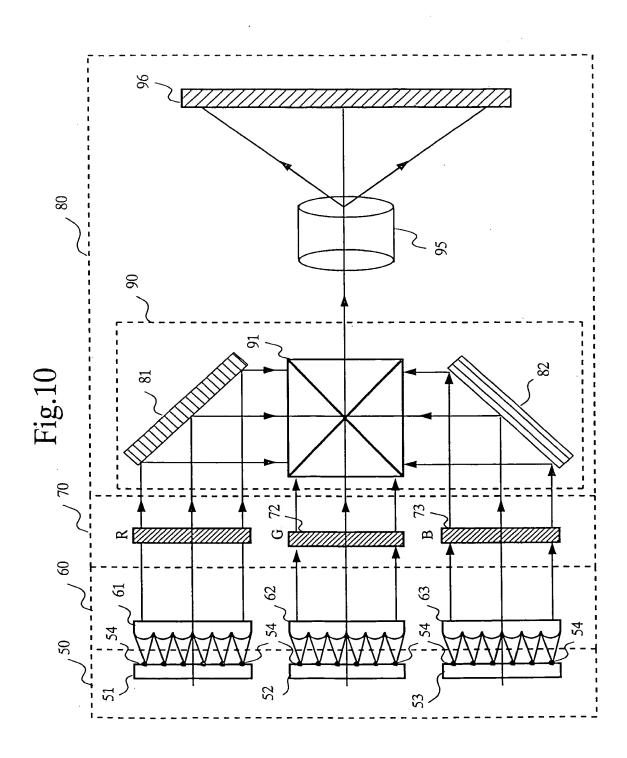
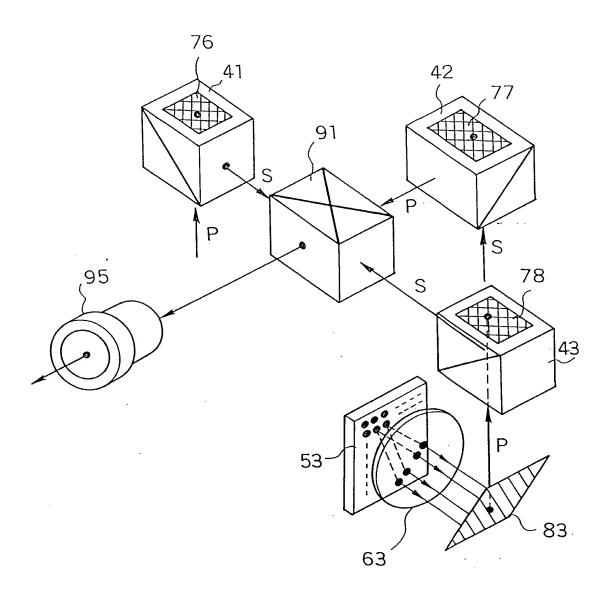
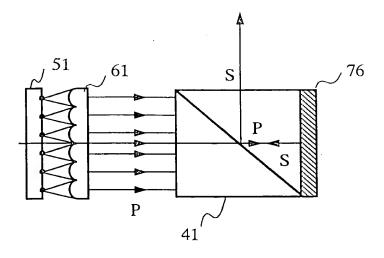


Fig.11



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Fig.12



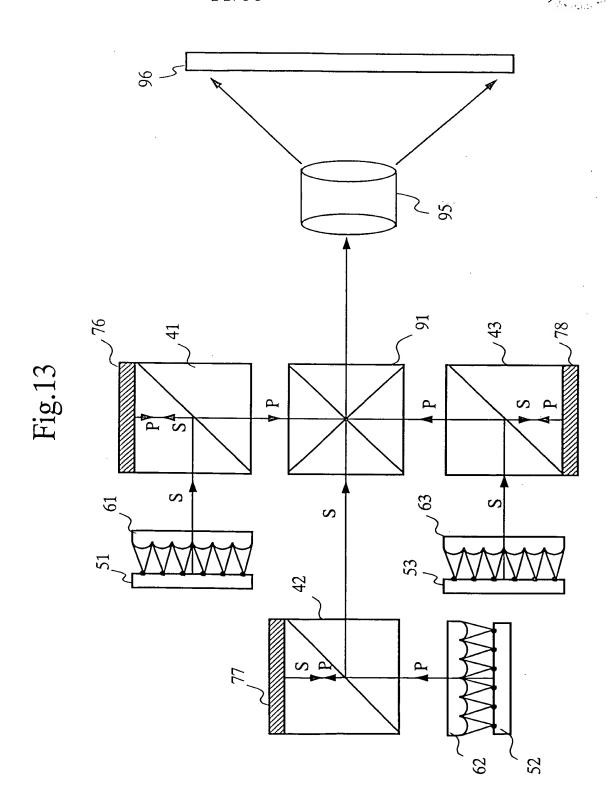
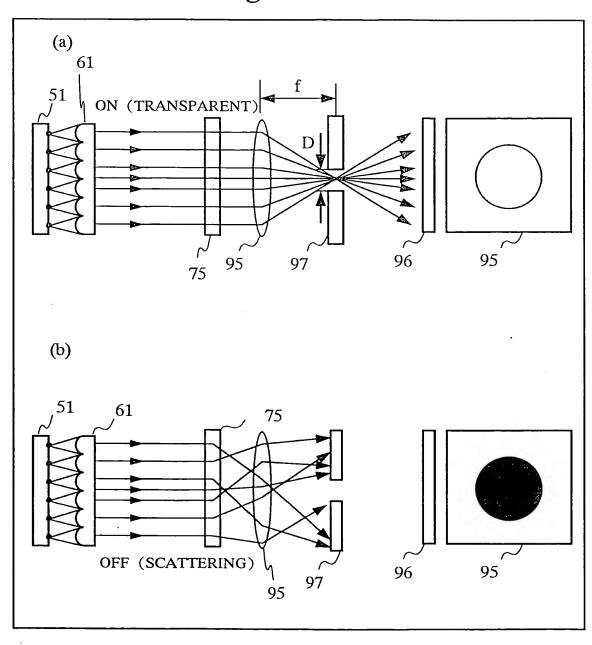


Fig.14



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14/66 Fig.16

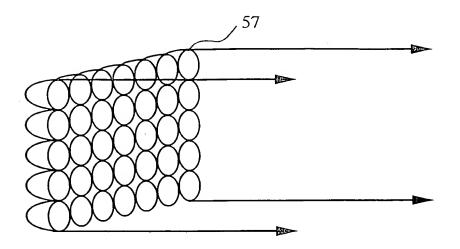
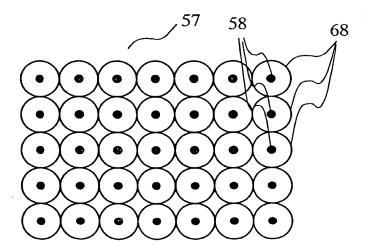
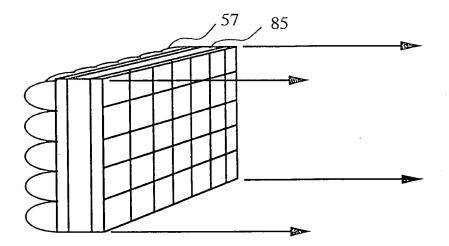


Fig.17



15/66 Fig.18



16/66 Fig.19

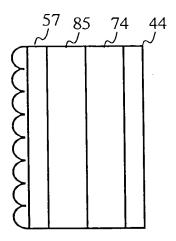
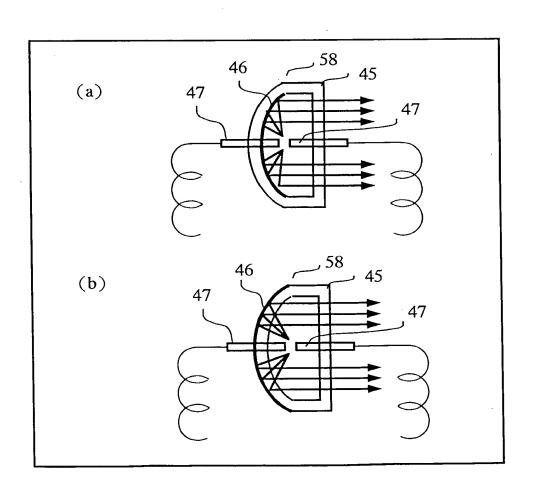


Fig.20



17/66 Fig.21

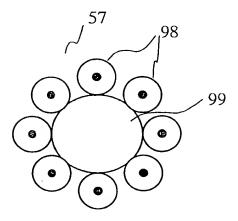
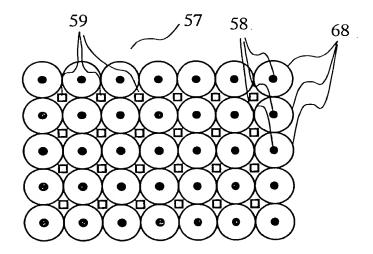
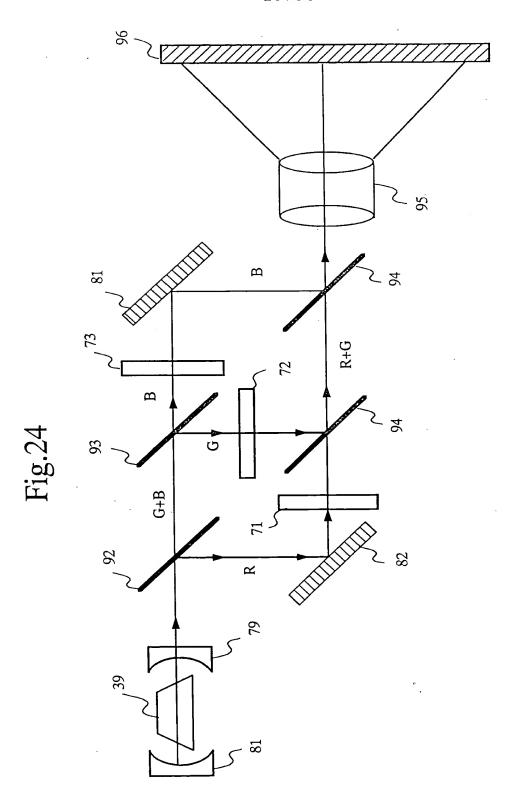
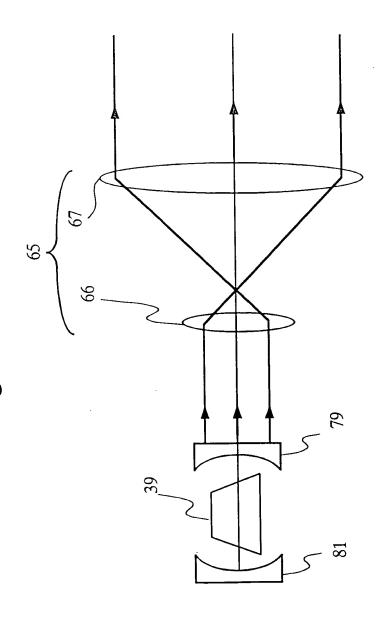


Fig.22







21/66 Fig.26

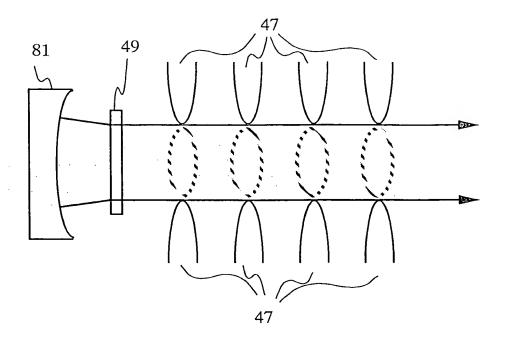
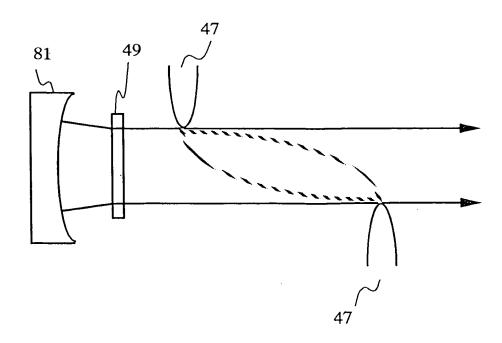
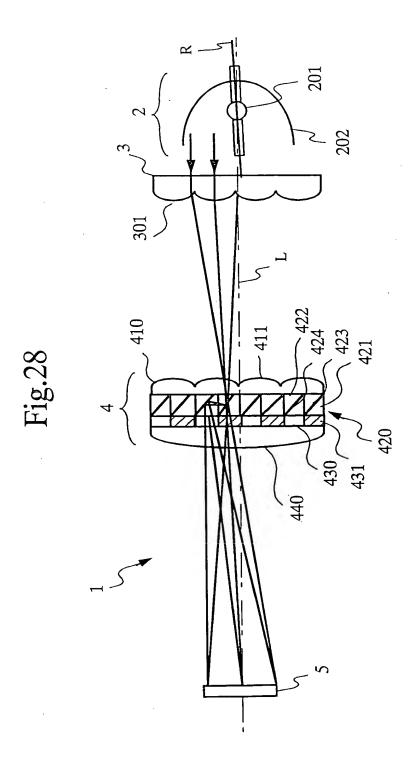


Fig.27

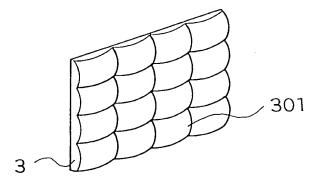


प्रकार प्राप्त सम्बद्ध के अस्ति । विभाग

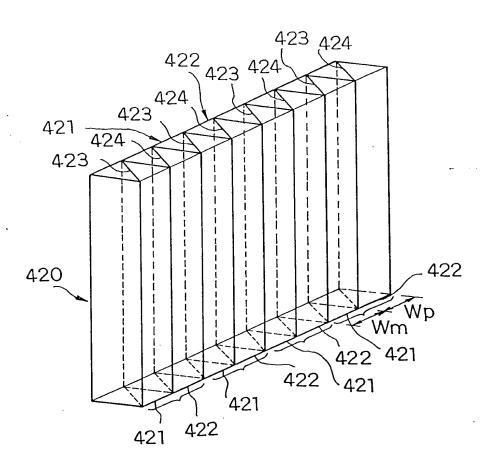


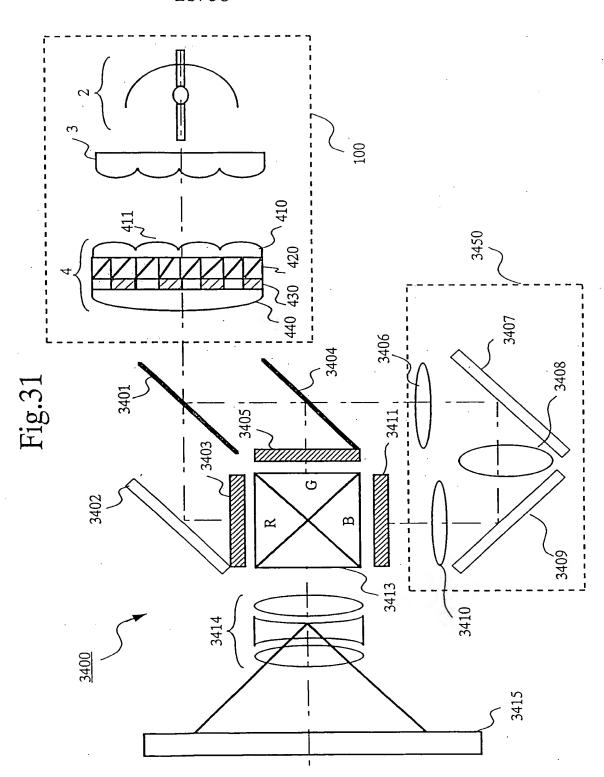
23/66

Fig.29



24/66 Fig.30





26/66

Fig.32

LAMP	METAL HALIDE	XENON	HALOGEN
LUMINOUS EFFICIENCY	80 lm/W	30 lm/W	30 lm/W
COLOR TEMPERATURE	9000 K	6500 K	3000 K
LIFE TIME	2000 H	500 H	100 H

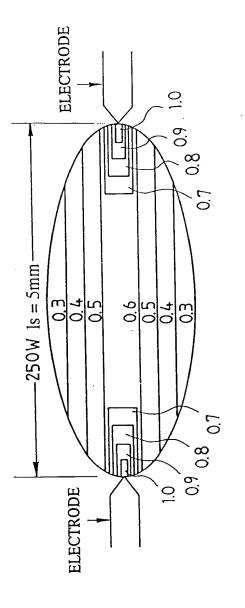
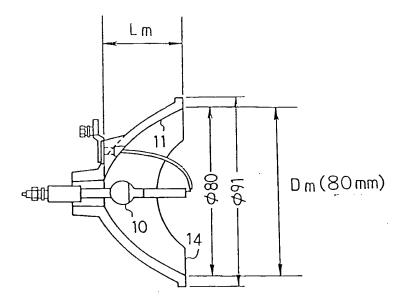


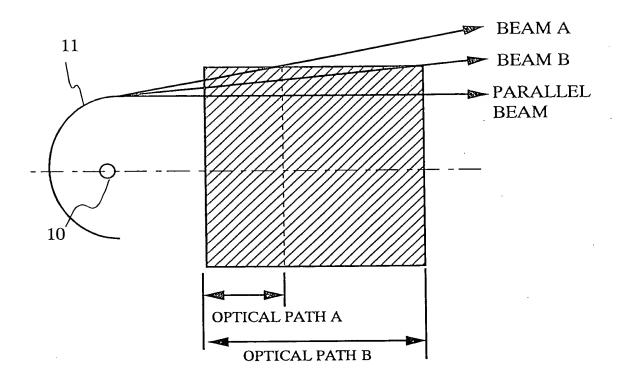
Fig.33

Fig.34

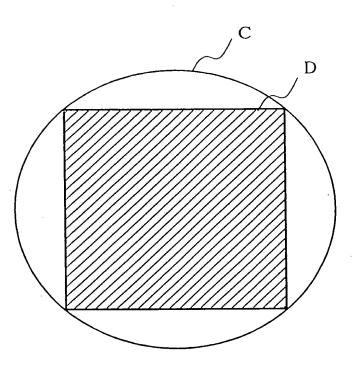


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Fig.35



30/66 Fig.36



31/66 Fig.37

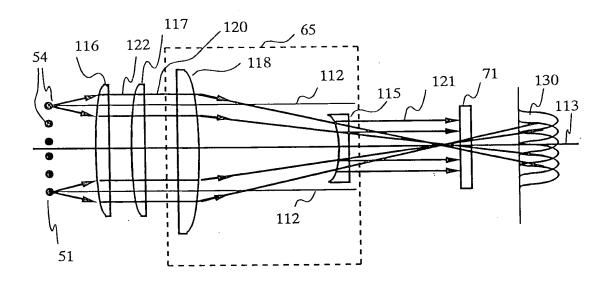
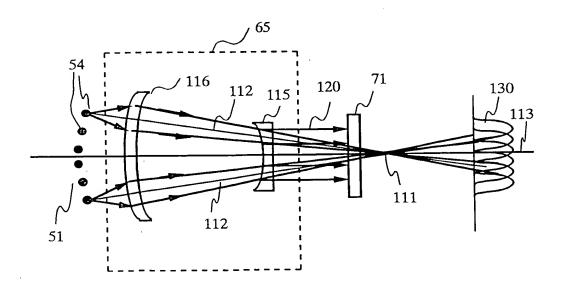


Fig.38



32/66 Fig.39

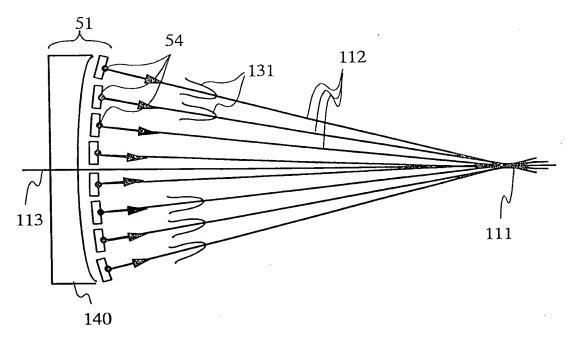
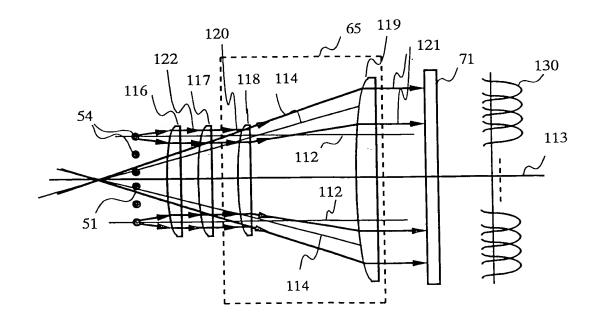


Fig.40



33/66 Fig.41

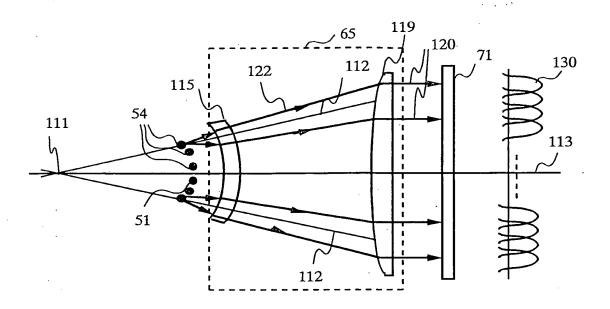
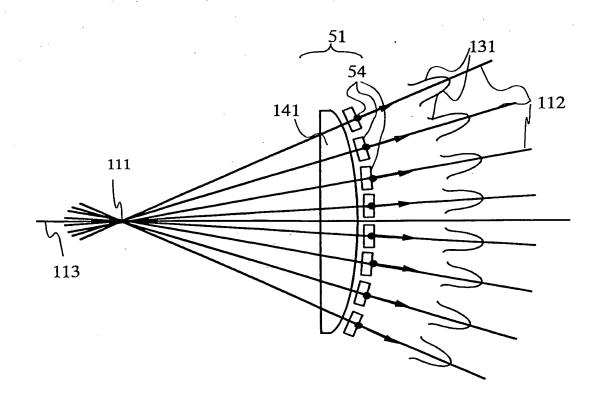
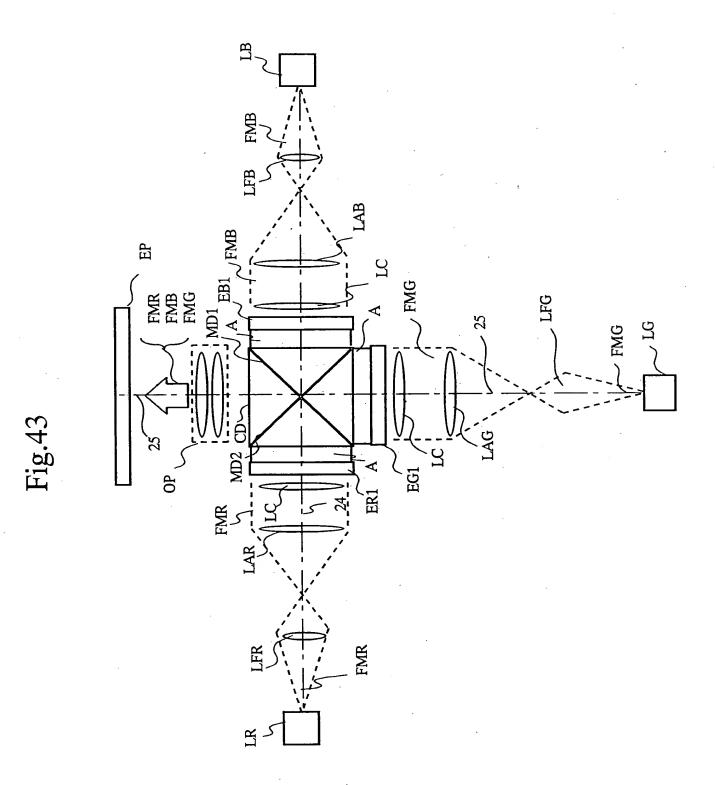
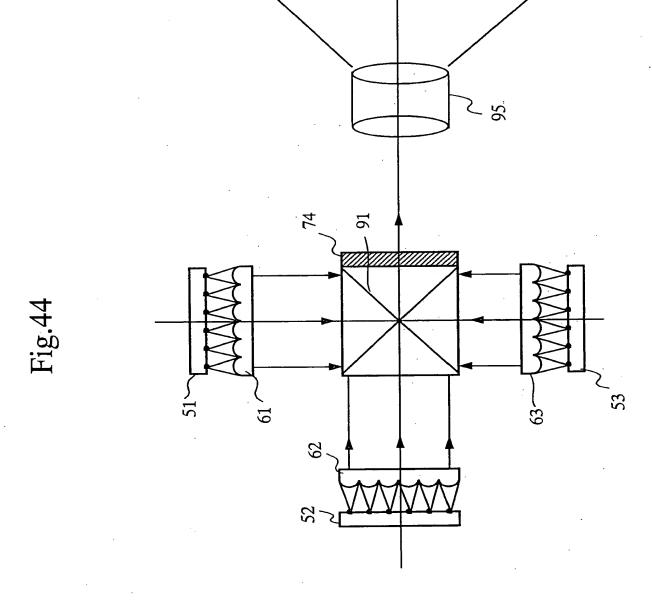


Fig.42







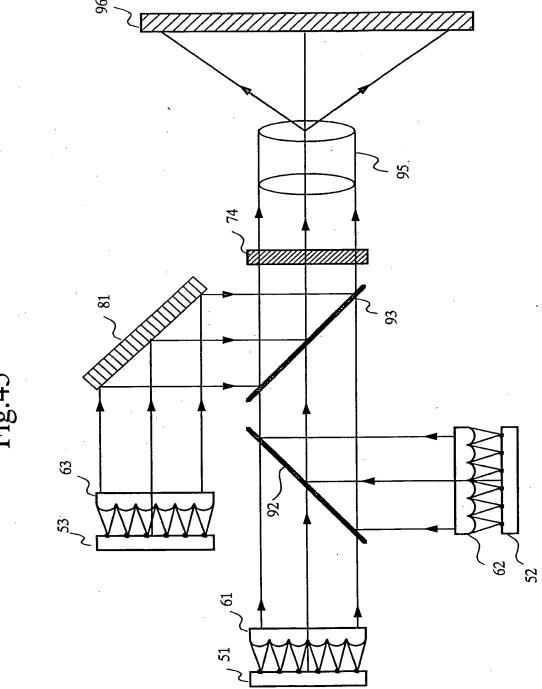
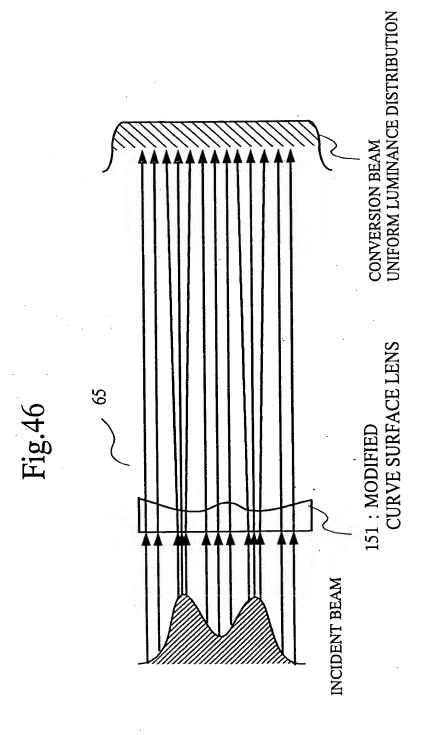


Fig. 45



38/66 Fig.47

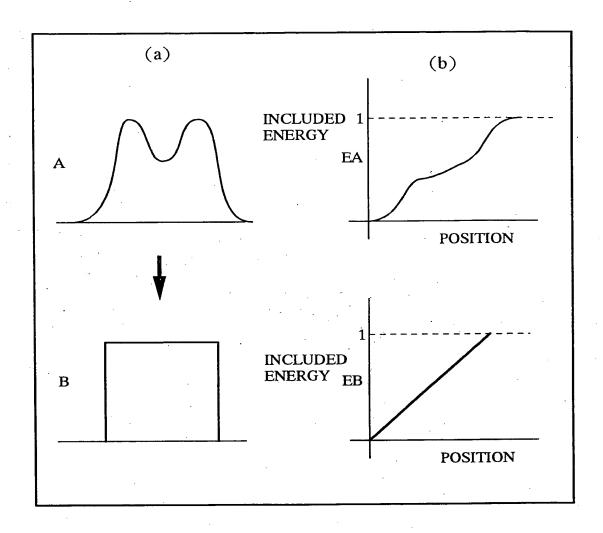


Fig.48

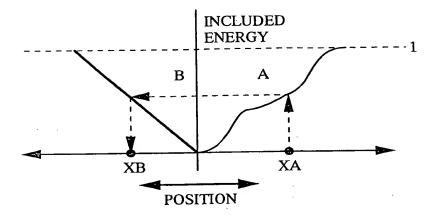
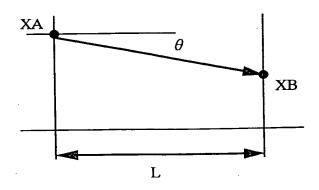
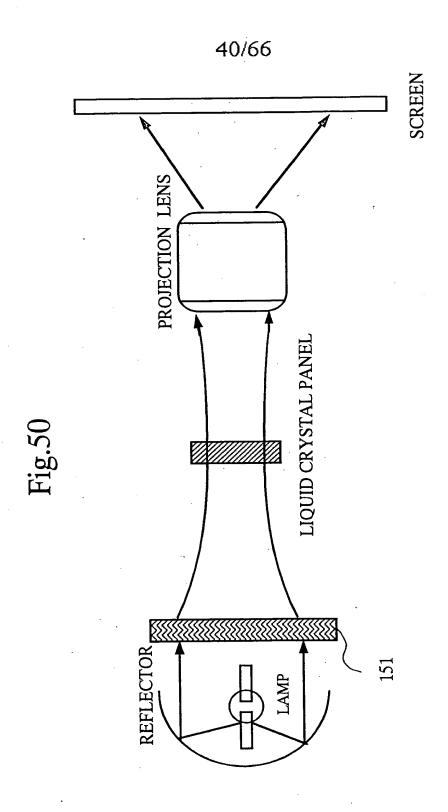


Fig.49



$$\tan \theta = \frac{X_A - X_B}{L} = \frac{X_A - T(X_A)}{L} = \theta (X_A, L)$$



41/66 Fig.51

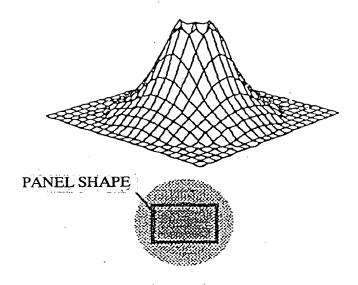


Fig.52

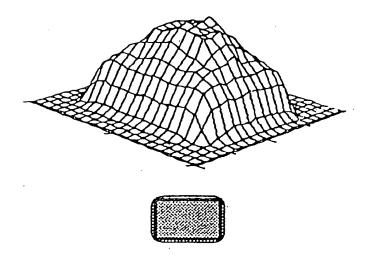
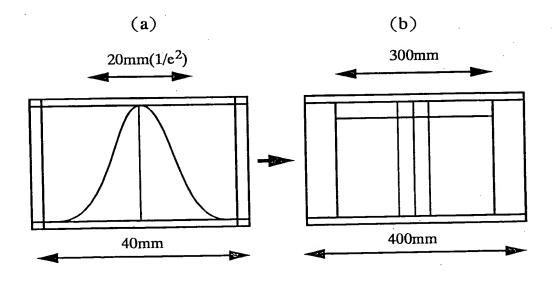
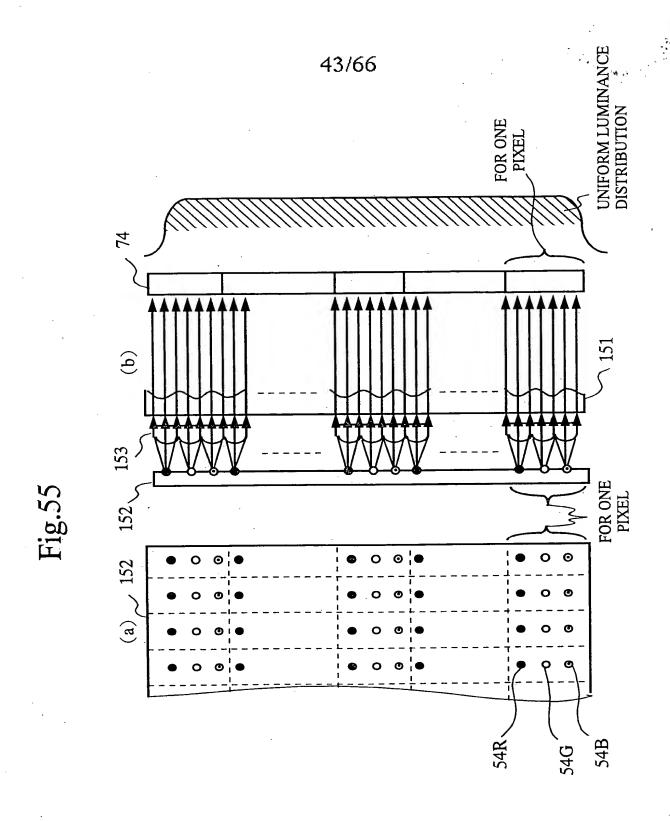


Fig.53

LAMP 150W USING 1.3" COLOR PANEL	REGULAR LENS	MODIFIED CURVE SURFACE LENS	
TOTAL LUMINOUS FLUX AMOUNT [lm]	121	261	
CENTER ILLUMINANCE[Lux]	410	731	
CIRCUMFERENTIAL ILLUMINANCE [Lux]	131	438	
ILLUMINANCE RATIO OF CENTER TO CIRCUMFERENCE [%] (UNIFORMITY)	32	60	

Fig.54





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Fig.56

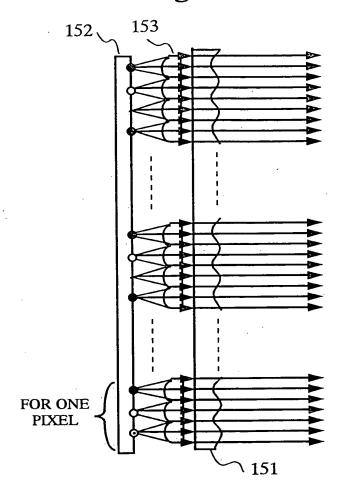
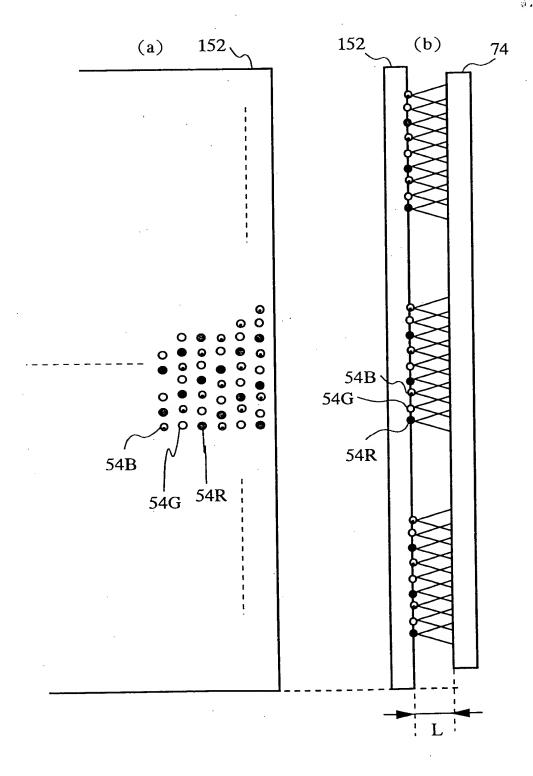
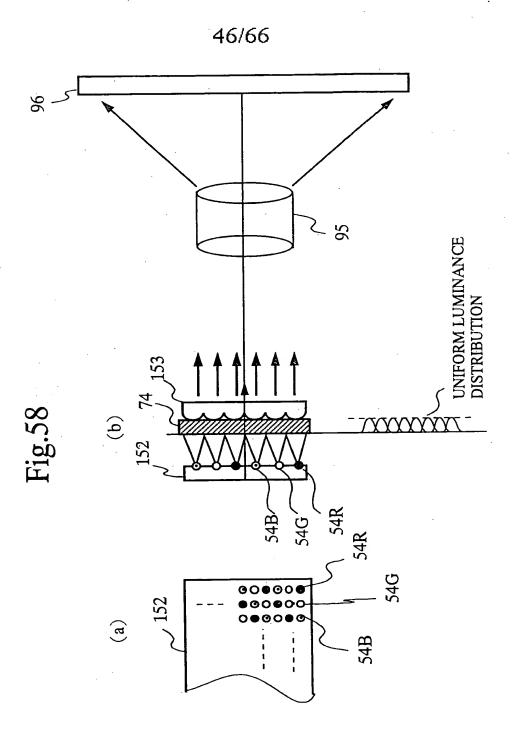


Fig.57





47/66 Fig.59

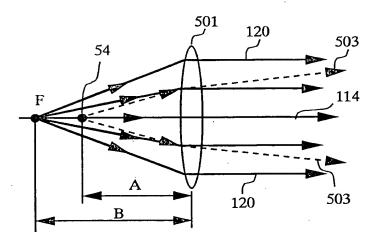
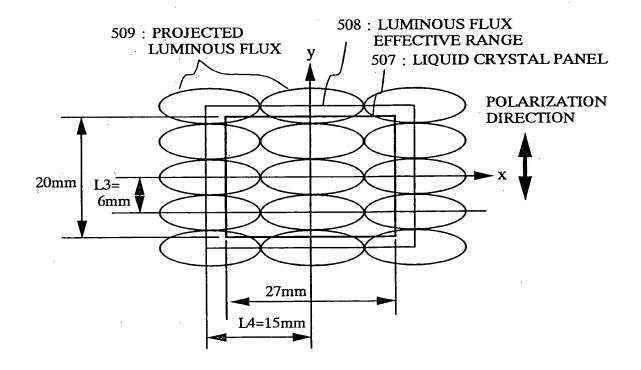


Fig.60



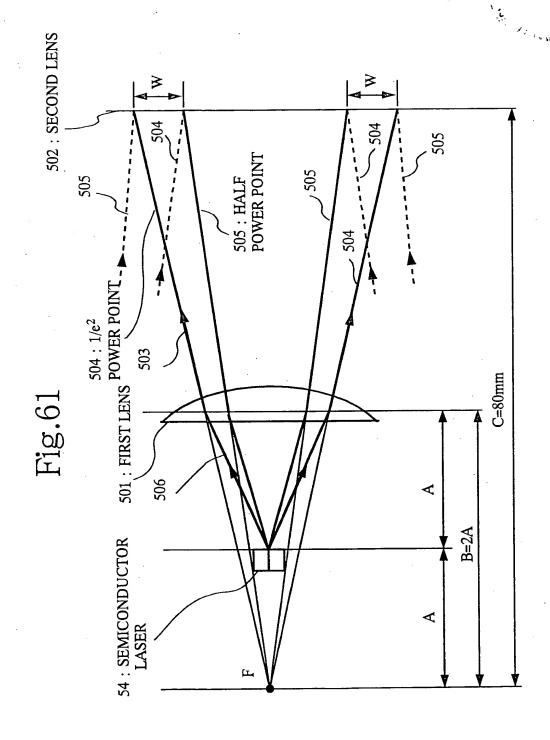
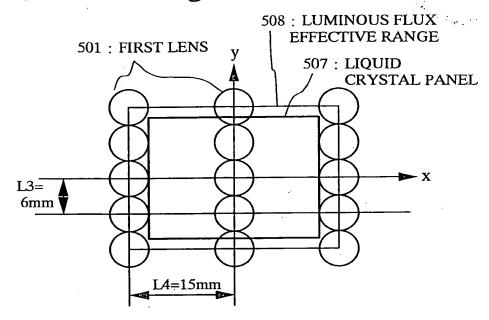


Fig.62

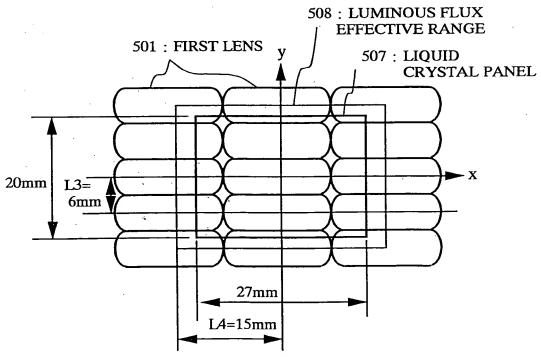
		Ę			
UNIT: mm)	SECOND LENS	WIDE ANGI	HALF(L4)	15	
		NARROW ANGLE WIDE ANGLE	HALF(L3)	9	
	FIRST LENS	WIDE ANGLE	1/62	5.733	15
			$1/e^2$ HALF(L2)	3.371	8.8
		NARROW ANGLE	1/e ²	2.26	5.79
	10	NARROV	HALF(L1)	1.333	3.41
DESIGN EXAMPLE (g			18	46
	A			6	23
DESIG	No.			1	2
				 	

Fig.63



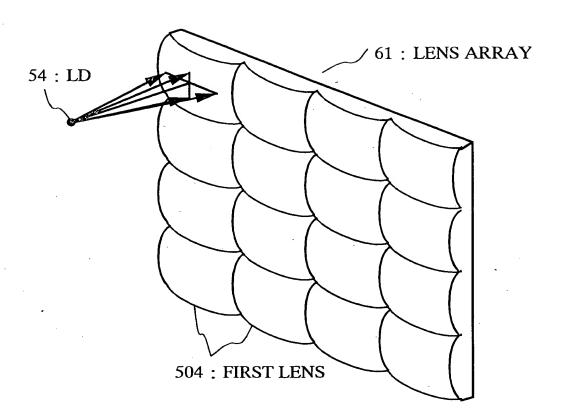
No.1DESIGN, FIRST LENS ALLOCATION(CIRCLE LENS)

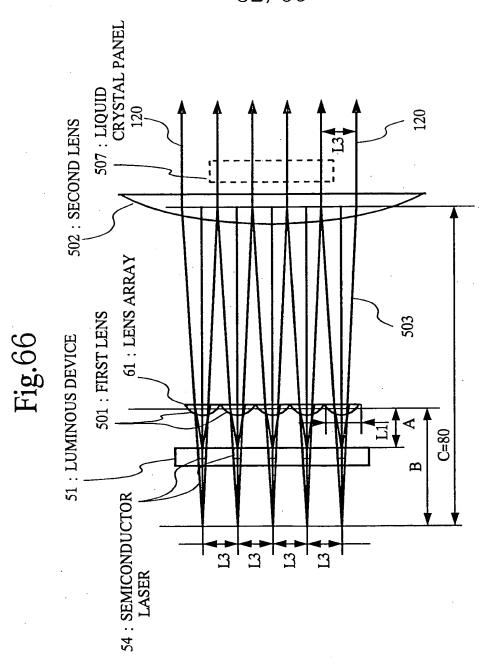
Fig.64

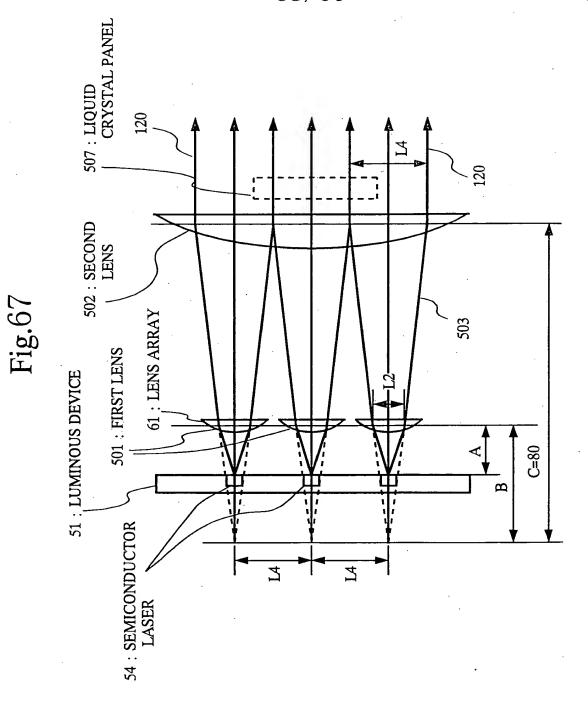


No.2 DESIGN, FIRST LENS ALLOCATION (A PART OF CIRCLE LENS BEING CUT)

51/66 Fig.65







54/66 Fig.68

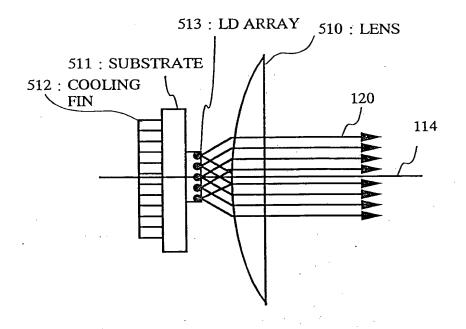
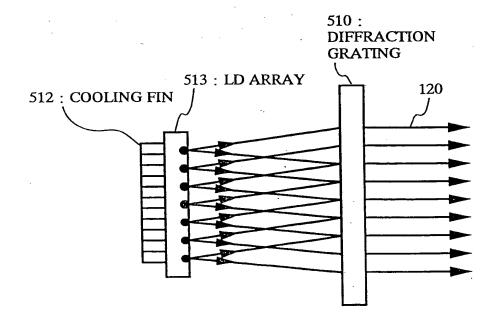
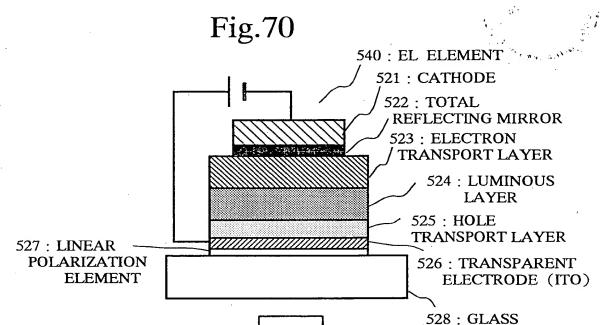


Fig.69

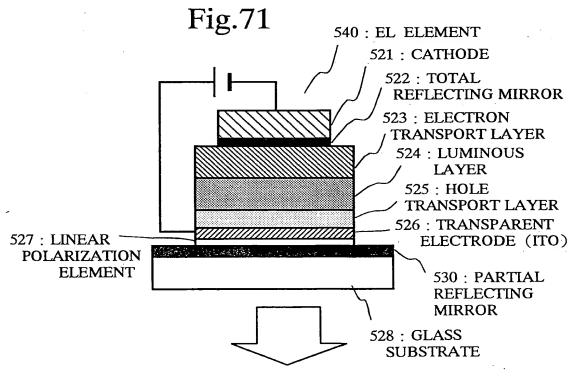


55/66

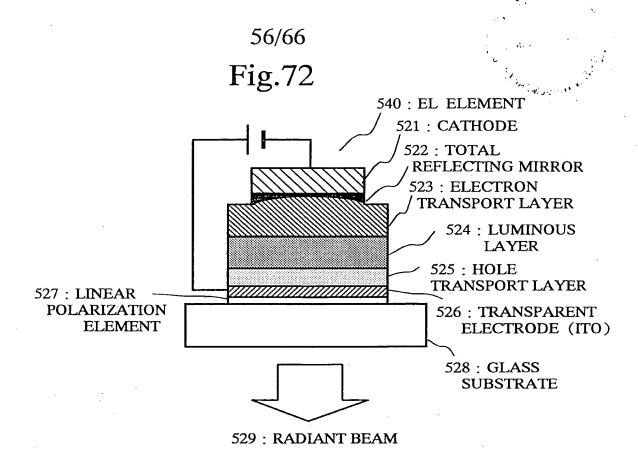


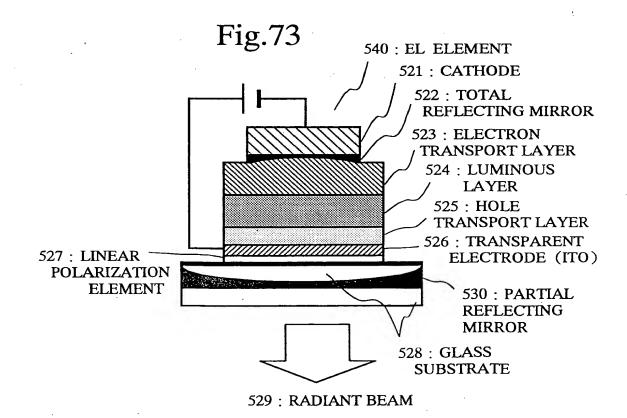


SUBSTRATE

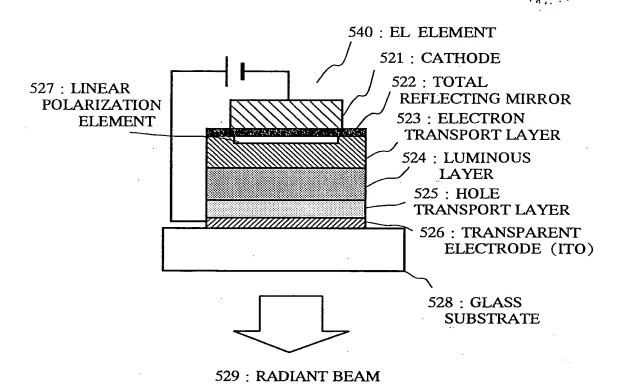


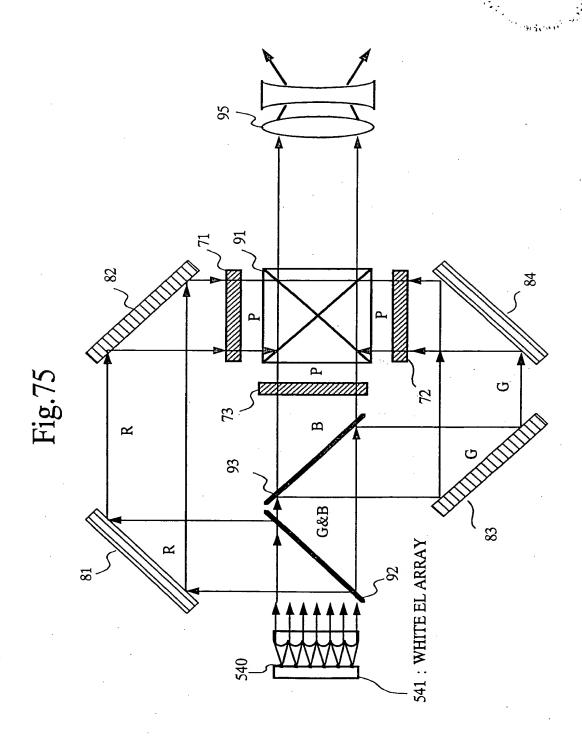
529: RADIANT BEAM

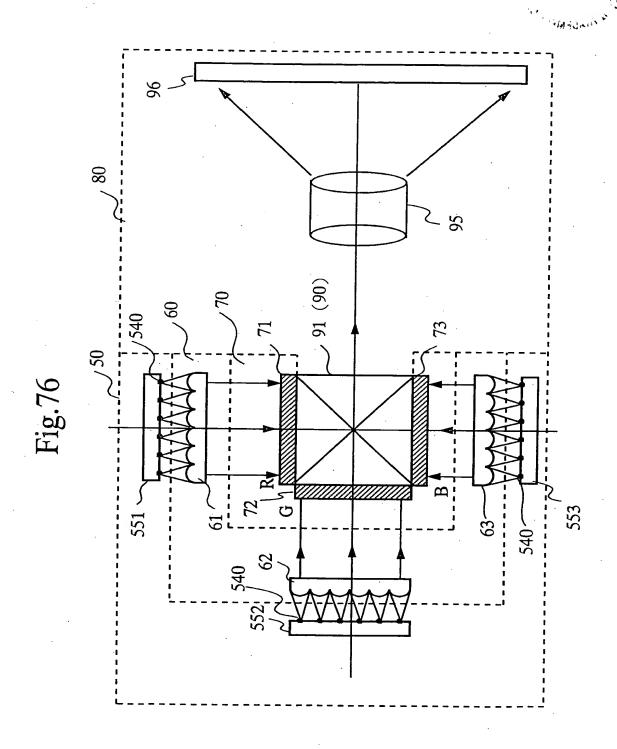




57/66 Fig.74







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Fig.77

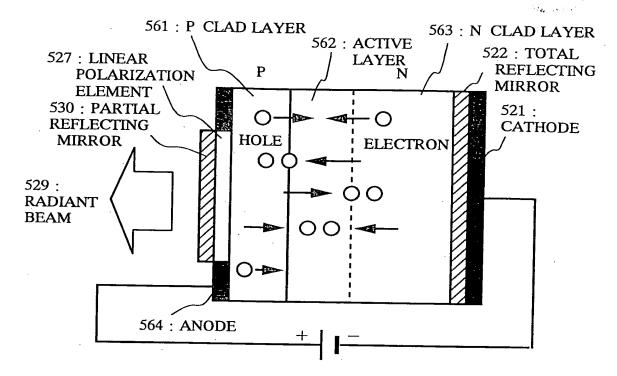
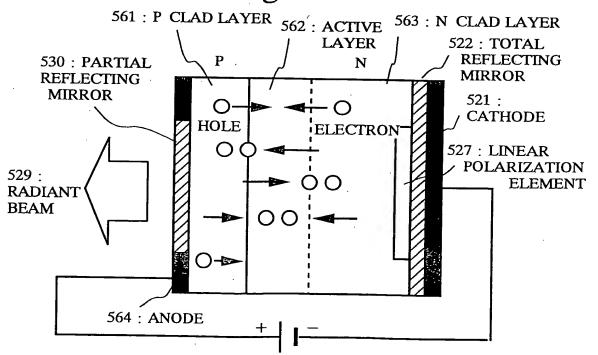
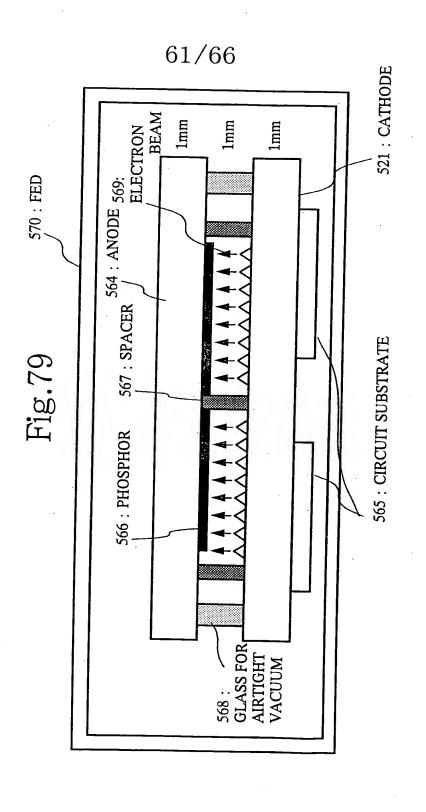
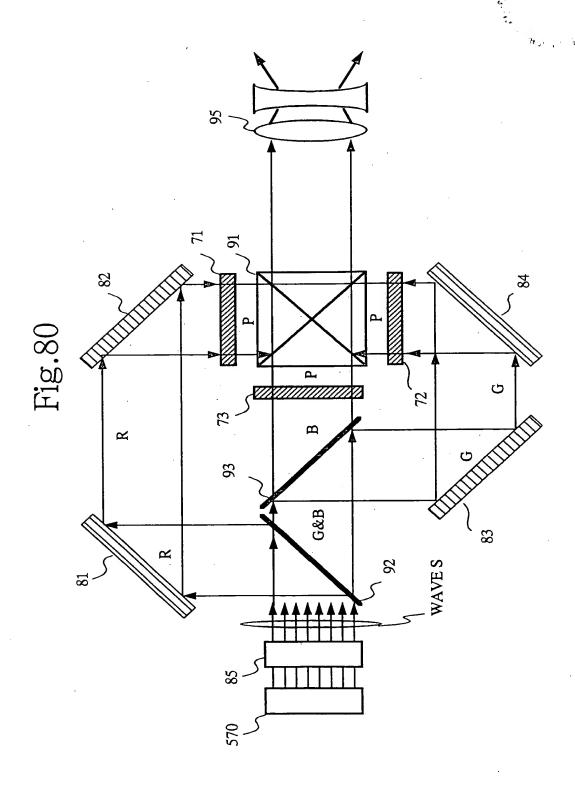
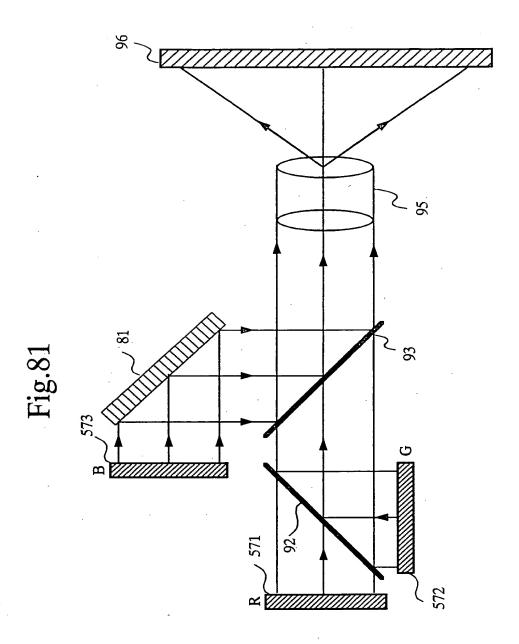


Fig.78









64/66 Fig.82

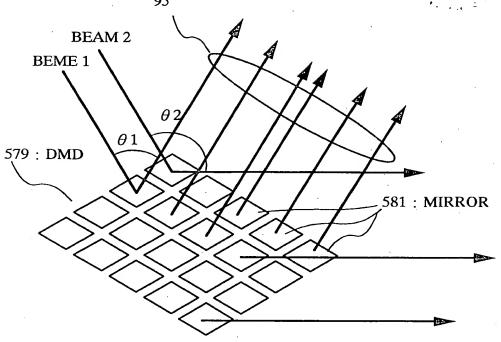
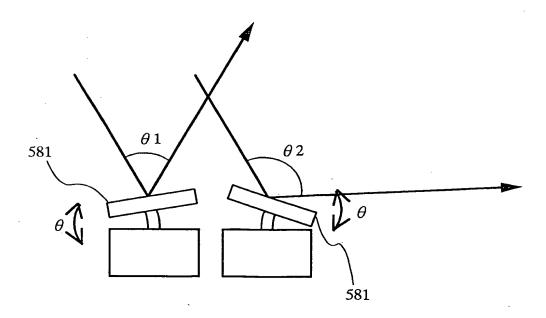


Fig.83



65/66 Fig.84

